

**TABLE 2**  
**RATIO CALCULATIONS AND SHUTDOWN SUMMARY**  
**JANUARY 2009**  
**MIDCO I AND II SITES**  
**GARY, INDIANA**  
Page 1 of 3

| Parameter   | Units       | Midco I Site      | Midco II Site  | Deep Well Site |
|---|-------------|-------------------|----------------|----------------|
| HP/UV flow rate <sup>1</sup>  | gpm         | 21 to 37          | 50.6 to 60     |                |
| HP/UV operating lamps   | count       | 1                 | 5              |                |
| UV tube cleaning cycle  | hours       | 2.0               | 5.0            |                |
| Hydrogen peroxide feed  | ppm         | 250               | 120            |                |
| pH, inlet to HP/UV unit   | pH units    | 7.3               | 7.1            |                |
| Extraction well flow rates as of 1-31-09                                    |             |                   |                |                |
| EW-1  | gpm         | 9.0               | 18.5           |                |
| EW-2  | gpm         | 9.0               | 9.0            |                |
| EW-3  | gpm         | 4.0               | 10.1           |                |
| EW-4  | gpm         | 2.0               | 7.8            |                |
| EW-5  | gpm         | 4.0               | N/A            |                |
| EW-6  | gpm         | 2.0               | 9.9            |                |
| EW-7  | gpm         | 9.0               | 8.6            |                |
| MW-3D   | gpm         | OFF               | N/A            |                |
| MW-5D   | gpm         | OFF               | N/A            |                |
| MW-6D   | gpm         | OFF               | N/A            |                |
| Extraction well flow rates necessary for capture <sup>2</sup>               |             |                   |                |                |
| EW-1  | gpm         | 6.4               | 13.0           |                |
| EW-2  | gpm         | 6.4               | 13.0           |                |
| EW-3  | gpm         | N/A               | 16.9           |                |
| EW-4  | gpm         | 1.0               | 8.0            |                |
| EW-5  | gpm         | N/A               | N/A            |                |
| EW-6  | gpm         | 1.7               | 5.7            |                |
| EW-7  | gpm         | 6.4               | 9.1            |                |
| Range of detections from field gas chromatograph                            |             |                   |                |                |
| Methylene chloride  | µg/L        | < 6.0             | N/A            |                |
| Vinyl chloride  | µg/L        | < 2.0             | N/A            |                |
| Treatment operating flow rate less tube cleaning                            | gpm         | 31.4 to 36.3      | 49.8 to 59.7   |                |
| Total treated water volume <sup>3</sup>                                     | gallons     | 1,197,999         | 2,004,801      | 3,202,800      |
| Design average flow rate <sup>4</sup>                                       | gpm         | 28.0              | 50.6           | 78.6           |
| Month duration and operating time for average monthly flow rate calculation | days        | 31                | 31             |                |
|   | minutes     | 44,640            | 44,640         |                |
| Non-GWETS-related shutdowns (pages 2 & 3)                                   | minutes     | 62                | 73             |                |
| Annulus & pipeline testing shutdowns  | minutes     | 0                 | 0              |                |
| Operating time for average monthly operating flow rate calculation          | minutes     | 44,578            | 44,567         |                |
| GWETS-related shutdown - scheduled & non-scheduled (see pages 2 and 3)      | minutes     | 8,524             | 5,366          |                |
| Operation time excluding all shutdowns                                      | minutes     | 36,054            | 39,201         |                |
| Average monthly operating flow rate <sup>5</sup>                            | gpm         | 26.9              | 45.0           | 71.9           |
| % average monthly operating flow rate to design average flow rate           | %           | 96.0%             | 88.9%          | 91.4%          |
| Average monthly flow rate <sup>6</sup>                                      | gpm         | 26.8              | 44.9           | 71.7           |
| % average monthly flow rate to design average flow rate                     | %           | 95.8%             | 88.8%          | 91.3%          |
| Waste materials stored on-site for off-site disposal                        |             |                   |                |                |
| Spent filters   | cubic yards | 2                 | 2              |                |
| Anticipated off-site shipment   | week of     | February 23, 2009 | April 6, 2009  |                |
| Waste shipments this month  |             | January 27, 2009  | None           |                |
| Filter cake   | cubic yards | N/A               | 8              |                |
| Anticipated off-site shipment   | week of     | N/A               | March 23, 2009 |                |
| Waste shipments this month  |             | N/A               | None           |                |
| Other wastes (specify):   |             | None              | None           |                |
| Anticipated off-site shipment   | week of     | N/A               | N/A            |                |
| Waste shipments this month  |             | None              | None           |                |

**Key:**

HP/UV = Hydrogen peroxide/ultraviolet light  
GWETS = Ground water extraction and treatment system  
gpm = Gallons per minute  
µg/L = Micrograms per liter  
N/A = Not applicable

**Notes:**

- <sup>1</sup> HP/UV flow rate is the process water flow rate that goes through the HP/UV.
- <sup>2</sup> Extraction wells EW-3 and EW-5 at the Midco I Site are used for dewatering purposes only.
- <sup>3</sup> Total treated water volume is obtained from the site treated water flow totalizer.
- <sup>4</sup> Design average flow rate is the model-predicted flow rates of 21.0 or 50.6 gpm, respectively for the Midco I and Midco II Sites. The design average flow rates changed on February 24, 2003 from 24.5 to 50.6 gpm for Midco II. The Midco I design average flow rate varies between 21 and 28 gpm, based on dewatering.
- <sup>5</sup> Average monthly operating flow rate is the total treated water volume divided by the operating time excluding all non-GWETS-related shutdowns. This value is different from the HP/UV flow rate because of the flow recycled during the tube cleaning.
- <sup>6</sup> Average monthly flow rate is the totalized volume of treated water divided by the number of minutes for that month.